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PTO/SB/05 (11-00)  
Approved for use through 10/31/2002. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

TI-36531

First Inventor

K jun Zeng

Title

Connection Site Coating Method and Solder Joints

Express Mail Label No.

ER 447651518 US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

## ADDRESS TO:

Mail Stop Patent Application  
P.O. Box 1450  
Alexandria, VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)

2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.

3. ☒ Specification [ Total Pages **13** ]  
(preferred arrangement set forth below)  
- Descriptive title of the invention  
- Cross Reference to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table,  
or a computer program listing appendix  
- Background of the invention  
- Brief Summary of the invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [ Total **1** ]  
Sheets

5. Oath or Declaration [ Total **1** ]  
Pages

- a. ☒ Newly Executed (original or copy)  
b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)

i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)

a. ☐ Computer Readable Form (CRF)

b. Specification Sequence Listing on:

i. ☐ CD-ROM or CD-R (2 copies); or

ii. ☐ paper

c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & documents(s))

10. ☐ 37 CFR 3.73(b) Statement [ ☒ Power of  
(when there is an assignee) Attorney

11. ☐ English Translation Document (if applicable)

12. ☐ Information Disclosure [ ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations

13. ☐ Preliminary Amendment

14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)

15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

16. ☐ Request and Certification under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.

17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No: \_\_\_\_\_ / \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS



Customer Number or Bar Code Label

23494

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

NAME **Texas Instruments Incorporated**

ADDRESS

CITY

STATE

ZIP CODE

COUNTRY

TELEPHONE

W. Daniel Swayze 972-917-4371

FAX

(972)917-4418

Name (Print/Type)

Michael T. Konczal

Registration No. (Attorney/Agent)

45,475

Signature

*Michael T. Konczal*

Date

10/06/03

DATE: \_

PTO/SB/17(11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.**FEE TRANSMITTAL  
for FY 2004****Complete If Known**

|                      |            |
|----------------------|------------|
| Application Number   |            |
| Filing Date          |            |
| First Named Inventor | Kejun Zeng |
| Examiner Name        |            |
| Group Art Unit       |            |
| Attorney Docket No.  | TI-36531   |

**TOTAL AMOUNT OF PAYMENT****\$ 936****METHOD OF PAYMENT**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit  
Account  
Number

20-0668

Deposit  
Account  
Name

Texas Instruments Incorporated

- ☒ Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status.  
See 37 CFR 1.27

2. ☐ **Payment Enclosed:**

☐ Check ☐ Credit card ☐ Money Order ☐ Other

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

| Large<br>Entity<br>Fee<br>Code | Large<br>Entity<br>Fee<br>(\$) | Small<br>Entity<br>Fee<br>Code | Small<br>Entity<br>Fee<br>(\$) | Fee Description  | Fee Paid |
|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--|----------|
| 1051                           | 130                            | 2051                           | 65                             | Surcharge - late filing fee of oath  |          |
| 1052                           | 50                             | 2052                           | 25                             | Surcharge - late provisional filing fee or cover sheet                     |          |
| 1053                           | 130                            | N/A                            | 130                            | Non-English specification  |          |
| 1812                           | 2,520                          | N/A                            | 2,520                          | For filing a request for <i>ex parte</i> reexamination                     |          |
| 1804                           | 920*                           | N/A                            | 920*                           | Requesting publication of SIR prior to Examiner action                     |          |
| 1805                           | 1,840*                         | N/A                            | 1,840*                         | Requesting publication of SIR after Examiner action                        |          |
| 1251                           | 110                            | 2251                           | 55                             | Extension for reply within first month                                     |          |
| 1252                           | 420                            | 2252                           | 210                            | Extension for reply within second month                                    |          |
| 1253                           | 950                            | 2253                           | 475                            | Extension for reply within third month                                     |          |
| 1254                           | 1,480                          | 2254                           | 740                            | Extension for reply within fourth month                                    |          |
| 1255                           | 2,010                          | 2255                           | 1,005                          | Extension for reply within fifth month                                     |          |
| 1401                           | 330                            | 2401                           | 165                            | Notice of Appeal   |          |
| 1402                           | 330                            | 2402                           | 165                            | Filing a brief in support of an appeal                                     |          |
| 1403                           | 290                            | 2403                           | 145                            | Request for oral hearing   |          |
| 1451                           | 1,510                          | N/A                            | 1,510                          | Petition to institute a public use proceeding                              |          |
| 1452                           | 110                            | 2452                           | 55                             | Petition to revive - unavoidable   |          |
| 1453                           | 1,330                          | 2453                           | 665                            | Petition to revive - unintentional   |          |
| 1501                           | 1,330                          | 2501                           | 665                            | Utility issue fee (or reissue)   |          |
| 1502                           | 480                            | 2502                           | 240                            | Design issue fee   |          |
| 1503                           | 640                            | 2503                           | 320                            | Plant issue fee  |          |
| 1460                           | 130                            | N/A                            | 130                            | Petitions to the Commissioner  |          |
| 1807                           | 50                             | N/A                            | 50                             | Processing fee for provisional applications                                |          |
| 1806                           | 180                            | N/A                            | 180                            | Submission of information Disclosure Stmt                                  |          |
| 8021                           | 40                             | N/A                            | 40                             | Recording each patent assignment per property (times number of properties) | 40       |
| 1809                           | 770                            | 2809                           | 385                            | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 1810                           | 770                            | 2810                           | 385                            | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 1801                           | 770                            | 2801                           | 385                            | Request for Continued Examination (RCE)                                    |          |
| 1802                           | 900                            | N/A                            | 900                            | Request for expedited examination of a design application                  |          |

Other fee (specify) \_\_\_\_\_

**FEE CALCULATION****1. BASIC FILING FEE**

| Large<br>Entity<br>Fee<br>Code | Large<br>Entity<br>Fee<br>(\$) | Small<br>Entity<br>Fee<br>Code | Small<br>Entity<br>Fee<br>(\$) | Fee Description        | Fee Paid      |
|--------------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------|---------------|
| 1001                           | 770                            | 2001                           | 385                            | Utility filing fee     | \$770         |
| 1002                           | 340                            | 2002                           | 170                            | Design filing fee      |               |
| 1003                           | 530                            | 2003                           | 265                            | Plant filing fee       |               |
| 1004                           | 770                            | 2004                           | 385                            | Reissue filing fee     |               |
| 1005                           | 160                            | 2005                           | 80                             | Provisional filing fee |               |
| <b>SUBTOTAL (1)</b>            |                                |                                |                                |                        | <b>\$ 770</b> |

**2. EXTRA CLAIM FEES**

| Extra Claims       |    | Fee from below |   | Fee Paid |    |
|--------------------|----|----------------|---|----------|----|
| Total Claims       | 27 | -20**=         | 6 | X        | 18 |
| Independent Claims | 3  | -3**=          | 0 | X        | 86 |
|                    |    |                |   |          | 0  |
|                    |    |                |   |          | 0  |

Multiple Dependent

| Large<br>Entity<br>Fee<br>Code | Large<br>Entity<br>Fee<br>(\$) | Small<br>Entity<br>Fee<br>Code | Small<br>Entity<br>Fee<br>(\$) | Fee Description   |
|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---|
| 1202                           | 18                             | 2202                           | 9                              | Claims in excess of 20                                    |
| 1201                           | 86                             | 2201                           | 43                             | Independent claims in excess of 3                         |
| 1203                           | 290                            | 2203                           | 145                            | Multiple dependent claim, if not paid                     |
| 1204                           | 86                             | 2204                           | 43                             | **Reissue independent claims over original patent         |
| 1205                           | 18                             | 2205                           | 9                              | **Reissue claims in excess of 20 and over original patent |

**SUBTOTAL (2) \$ 126**

\*\*or number previously paid, if greater; For Reissue, see above

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) \$ 40****SUBMITTED BY**

Name (Print/Type)

Michael T. Konczal

Signature

*Michael T. Konczal*Registration  
No.  
(Attorney/Agent)

45,475

Telephone

214-228-3641

Date

10/06/03

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

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PRACTICE LIMITED TO PATENTS, TRADEMARKS,  
AND  
U.S. AND FOREIGN INTELLECTUAL PROPERTY MATTERS  
October 6, 2003

Via Express Mail: ER 447651518 US

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

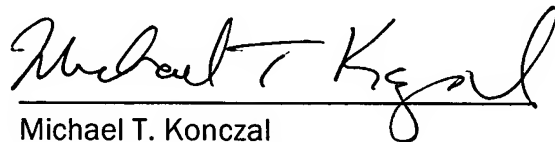
Re: Utility Patent Application For:  
**Connection Site Coating Method and Solder Joints**  
Attorney Docket: TI-36531

Dear Sir:

Enclosed for filing please find the following items relating to the above-identified patent application:

- (1) Utility Patent Application Transmittal;
- (2) Specification;
- (3) 1 Sheet of Formal Drawings;
- (3) Fee Authorization/Transmittal Form;
- (4) Declaration and Power of Attorney;
- (5) Assignment, and Recordation Form Cover Sheet (in duplicate); and
- (6) Postcards (2).

Please charge **Deposit Account No. 20-0668** in the amount of the total fees set forth. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to **Deposit Account No. 20-0668**.



Michael T. Konczal  
Registration No. 45,475

c: Cindy Dees, Texas Instruments Incorporated